
Union Square Roadway and Streetscape Improvements

First Community Meeting

**July 8, 2009
Argenziano School**



UNION SQUARE
ROADWAY & STREETScape IMPROVEMENTS

Focus Group

- **Michelle Apigian** – Resident
- **Kellyann Binari** – Somerville Disabilities Commission
- **Eric Fellingner** – Resident
- **Shawna Giles-Smith** – Local business
- **Mimi Graney** – Union Square Main Streets
- **Cindy Larson** – Local business
- **Jim McGinnis** – Resident
- **Alan Moore** – Somerville Bike Commission
- **Nancy Phillips** – Local activist
- **Larry Slotnick** – Livable Streets Alliance

Consultant Team

- **Howard/Stein-Hudson Associates, Inc.**
 - Lead consultant – transportation planning, traffic engineering, roadway design
- **Heimarck & Foglia, LLC**
 - Landscape/streetscape
- **Design Consultants, Inc.**
 - Survey, drainage/utility design
- **Von Grossmann & Company**
 - Urban design, pedestrian/bicycle accommodation
- **Walker Parking Consultants**
 - Parking study, financing & operations
- **Ammann & Whitney**
 - Structural engineering - bridges



Goals and Objectives

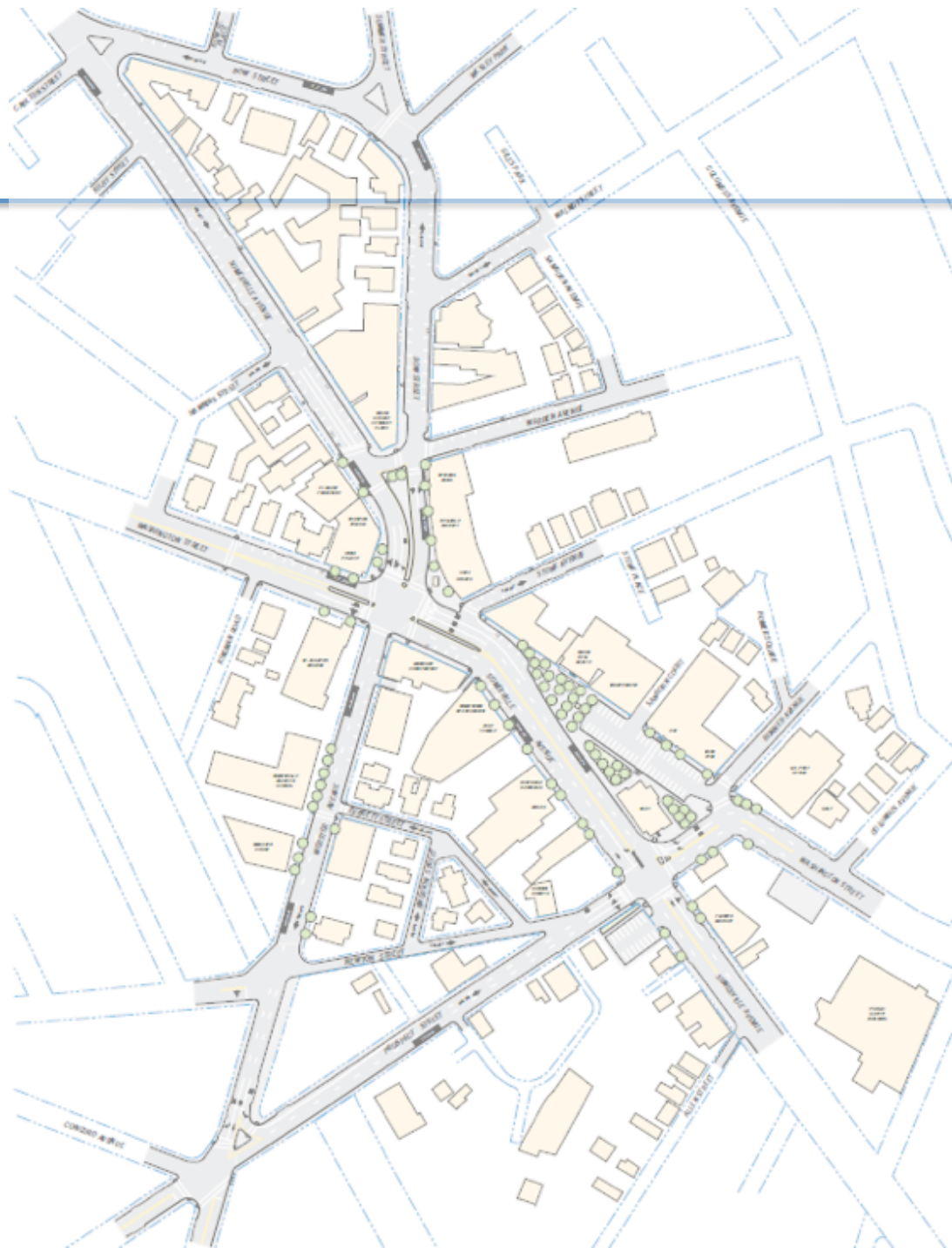
- **Enhance the pedestrian realm**
- **Promote equity among transportation modes**
- **Create more public space within ROW**
- **Provide intermodal transferability**
- **Green Union Square**
- **Establish gateways**
- **Improve wayfinding**
- **Reduce, manage, and/or redirect cut-through traffic**

Project Scope

- **Community process**
- **Analysis of existing conditions**
- **Development of concept alternatives**
- **Analysis & refinement of alternatives**
- **Preliminary design of selected alternative**

Limits of Work

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Existing Conditions



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Existing Conditions

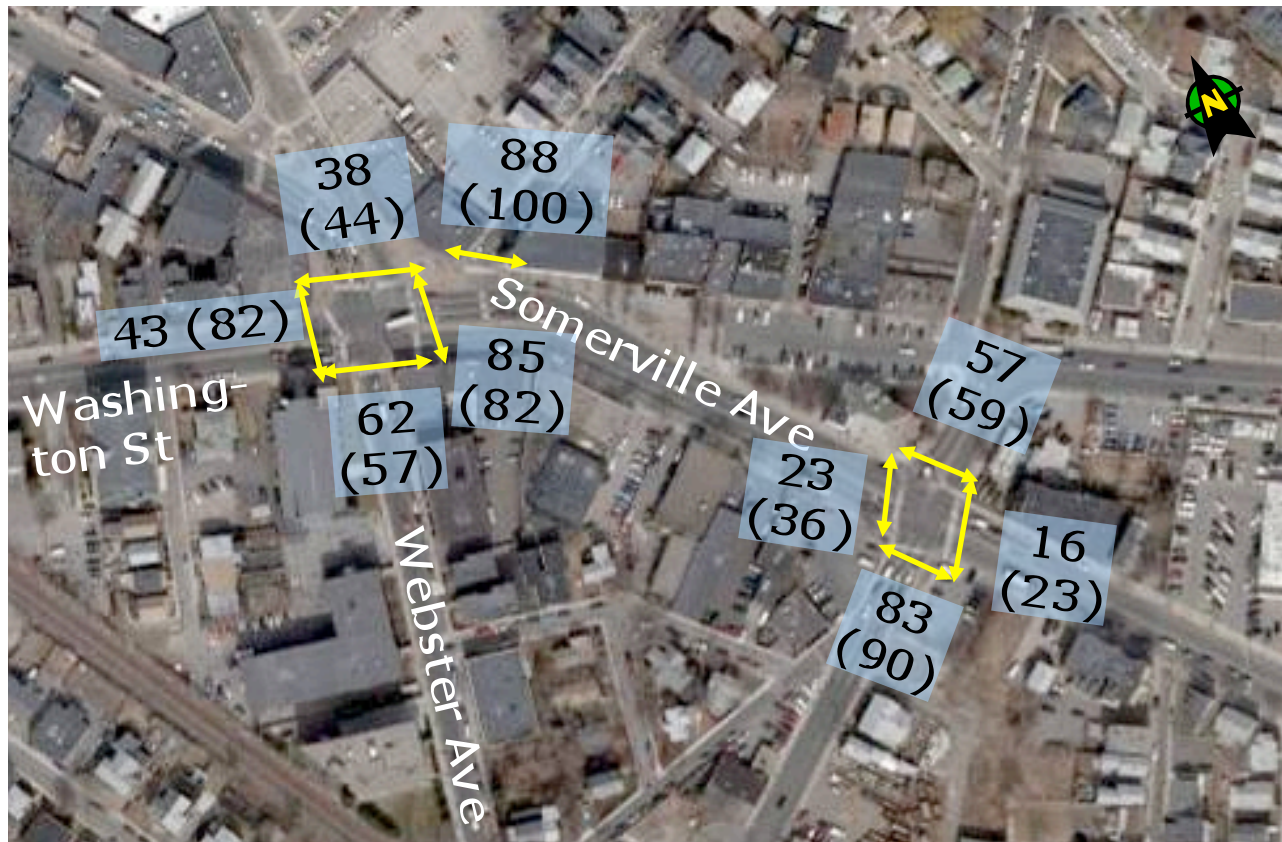
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VJ
&
CO



Existing Conditions - Pedestrians



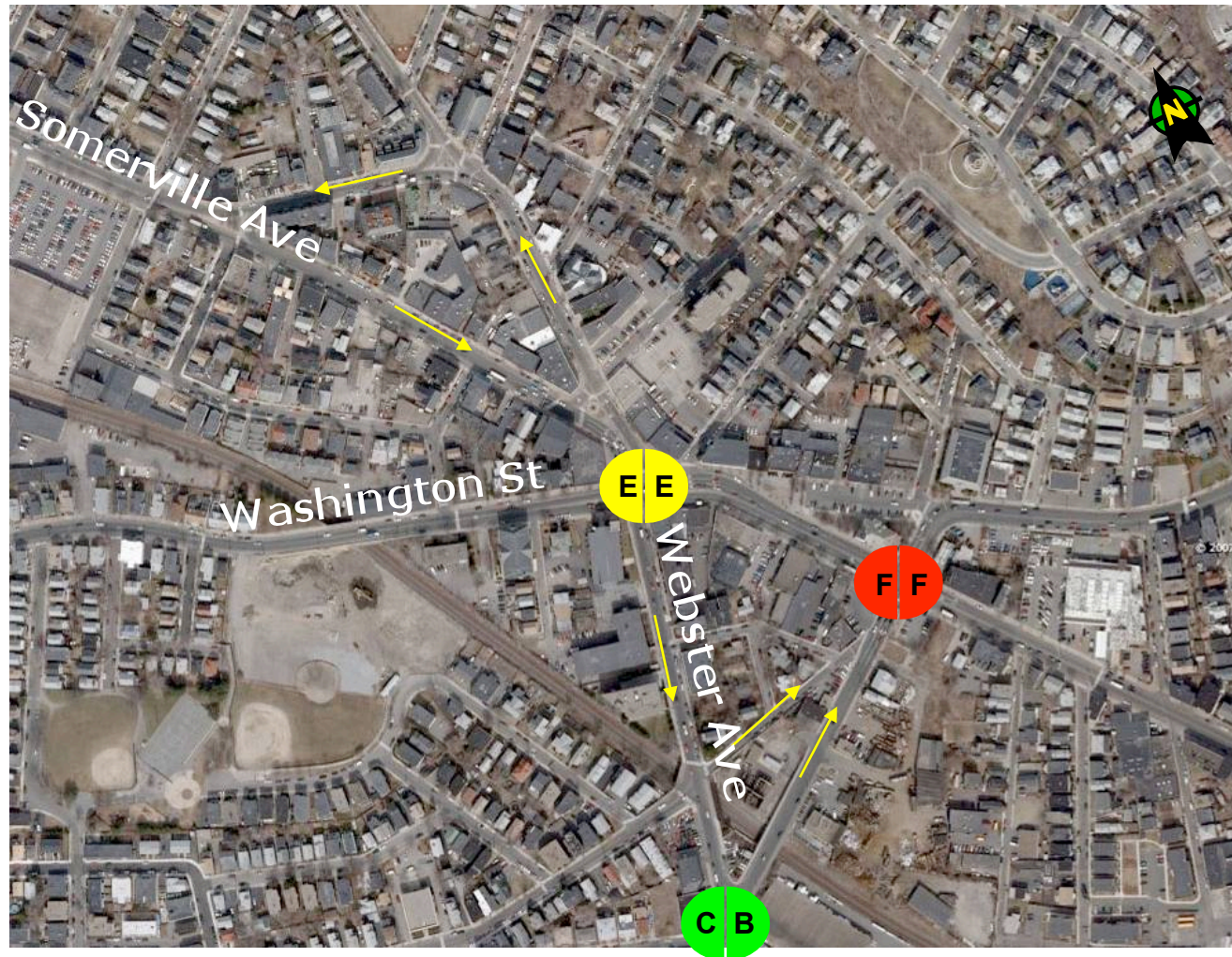
Existing Conditions - Cut-through Traffic



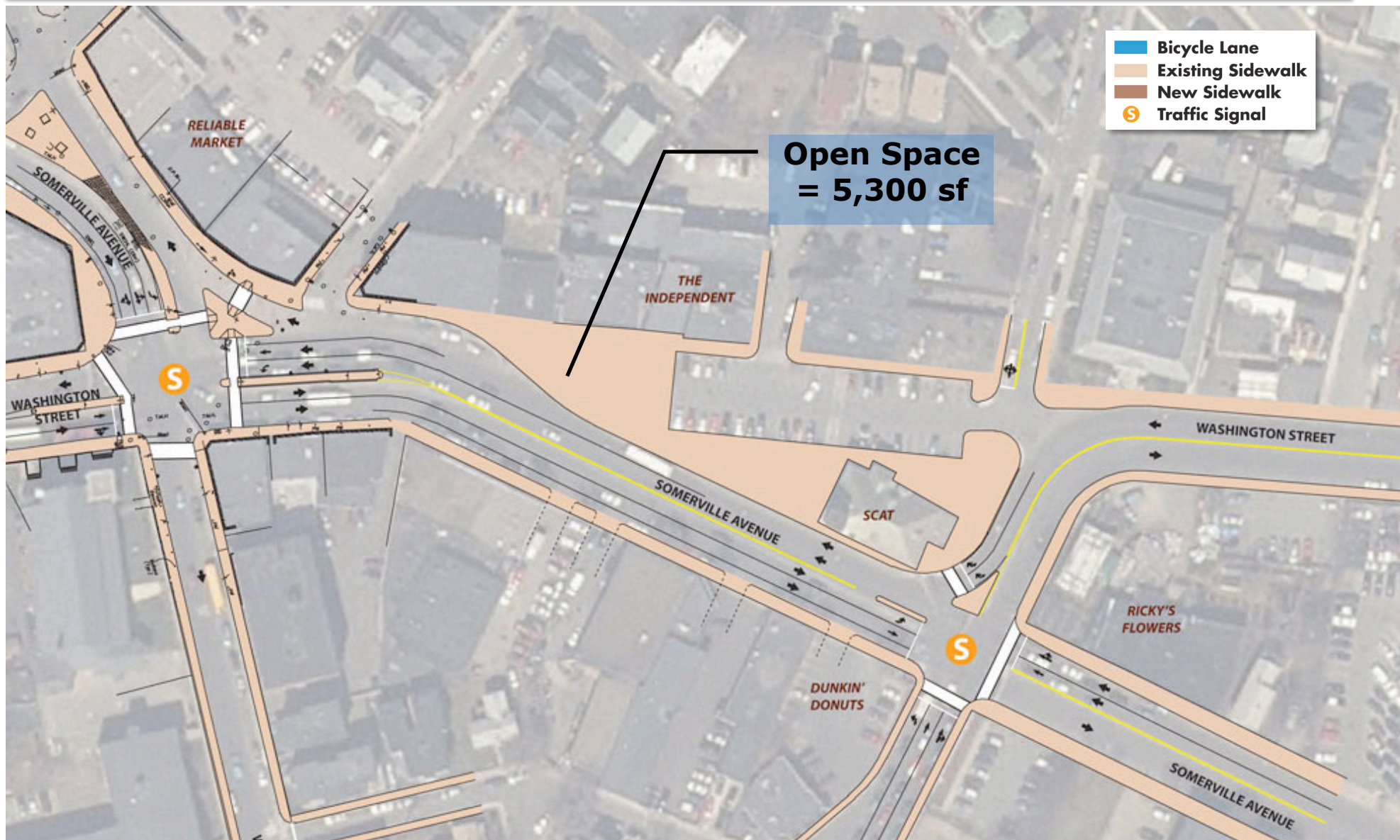
Existing Conditions - Truck Traffic



Existing Conditions - Intersection LOS



Existing Conditions – Open Space



Existing Conditions – On-street Parking



Webster Avenue & Prospect Street



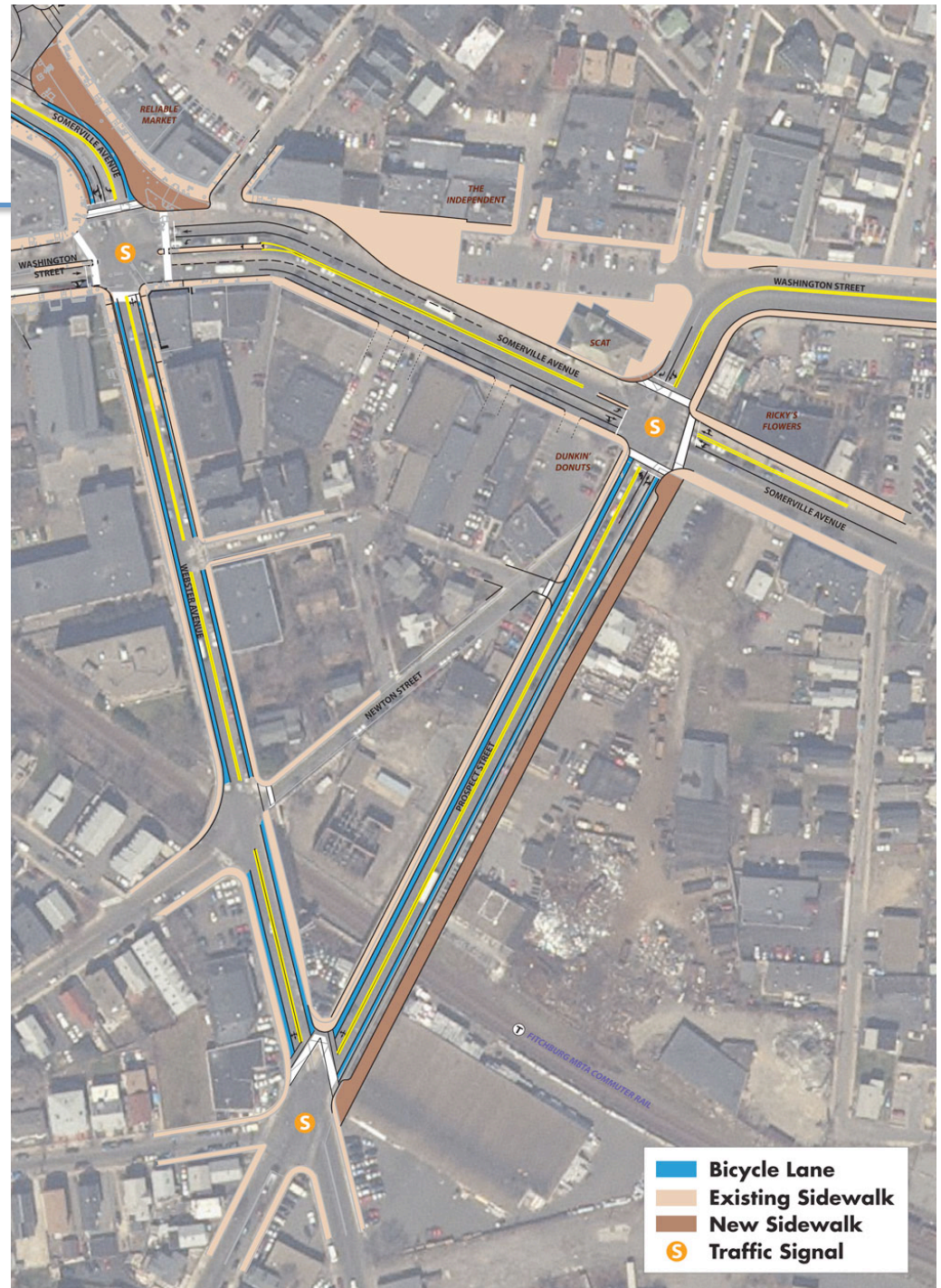
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Option W1: Webster Ave/ Prospect St Two-way with Bicycle Lanes

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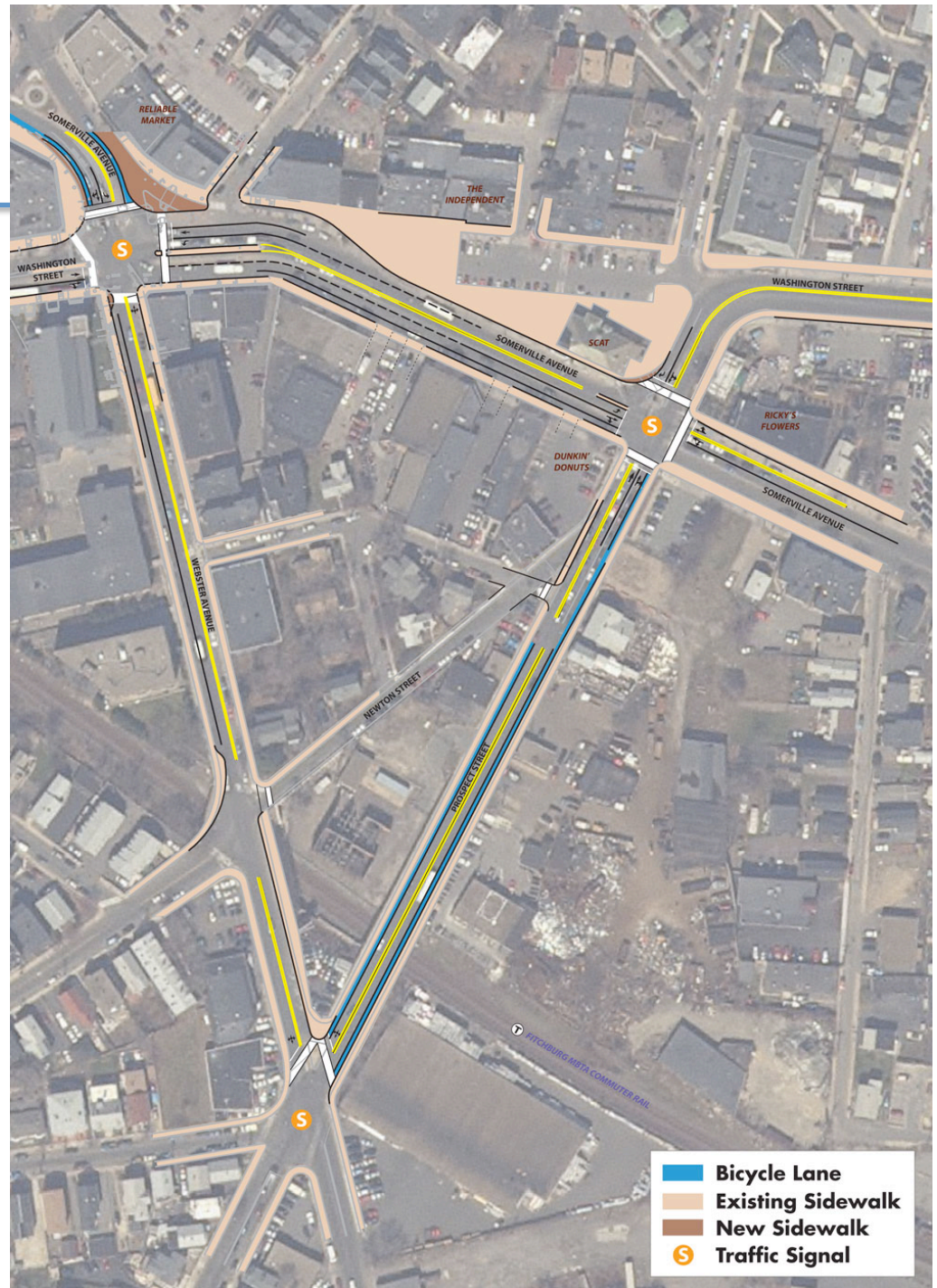


Option W2: Webster Ave/ Prospect St Two-way with Parking & Sharrows

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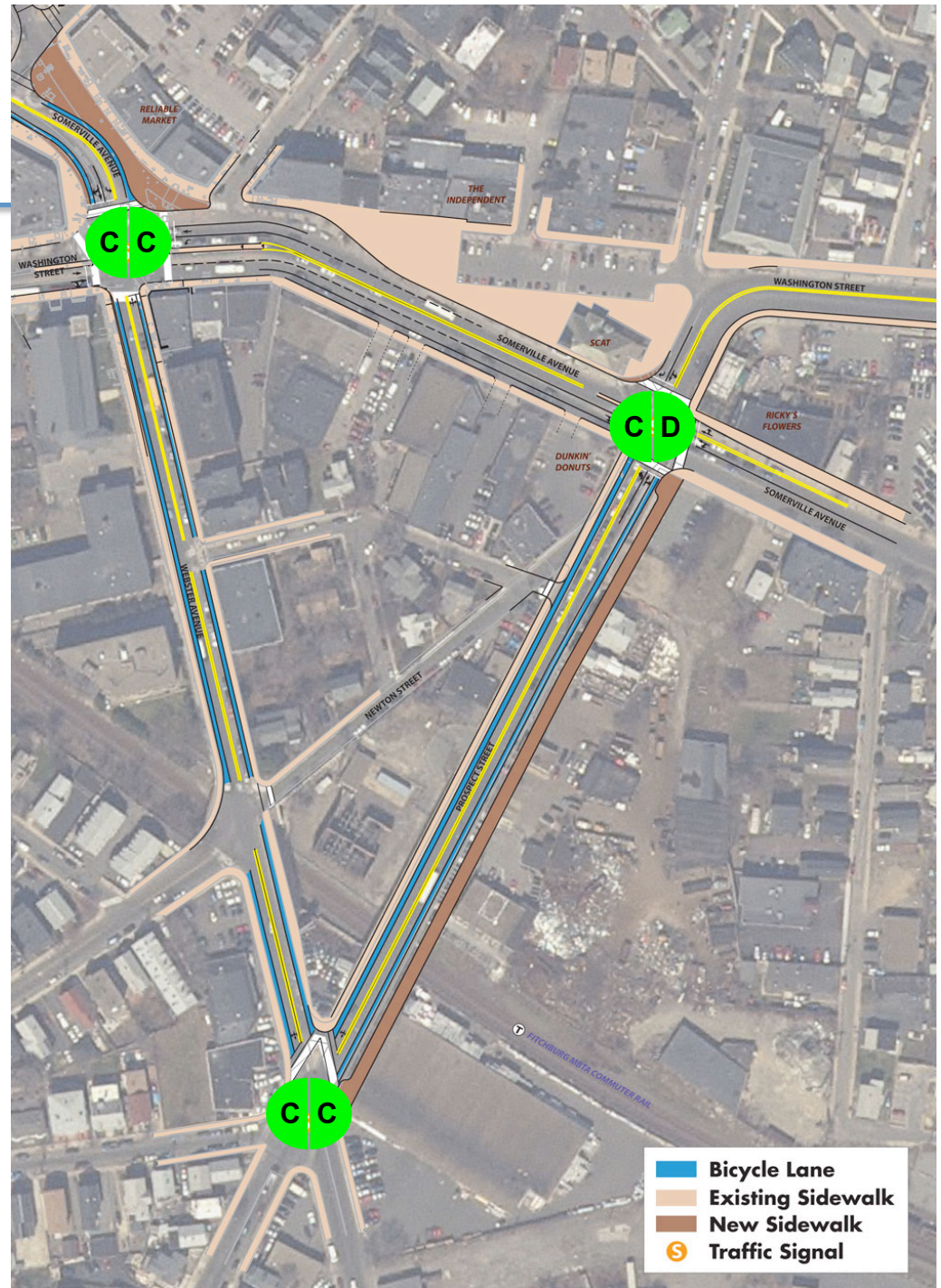
HOWARD
STEIN-
HUDSON
ASSOCIATES

W&C



Options W1 & W2: Intersection LOS

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Options W1 & W2 – Open Space & Parking

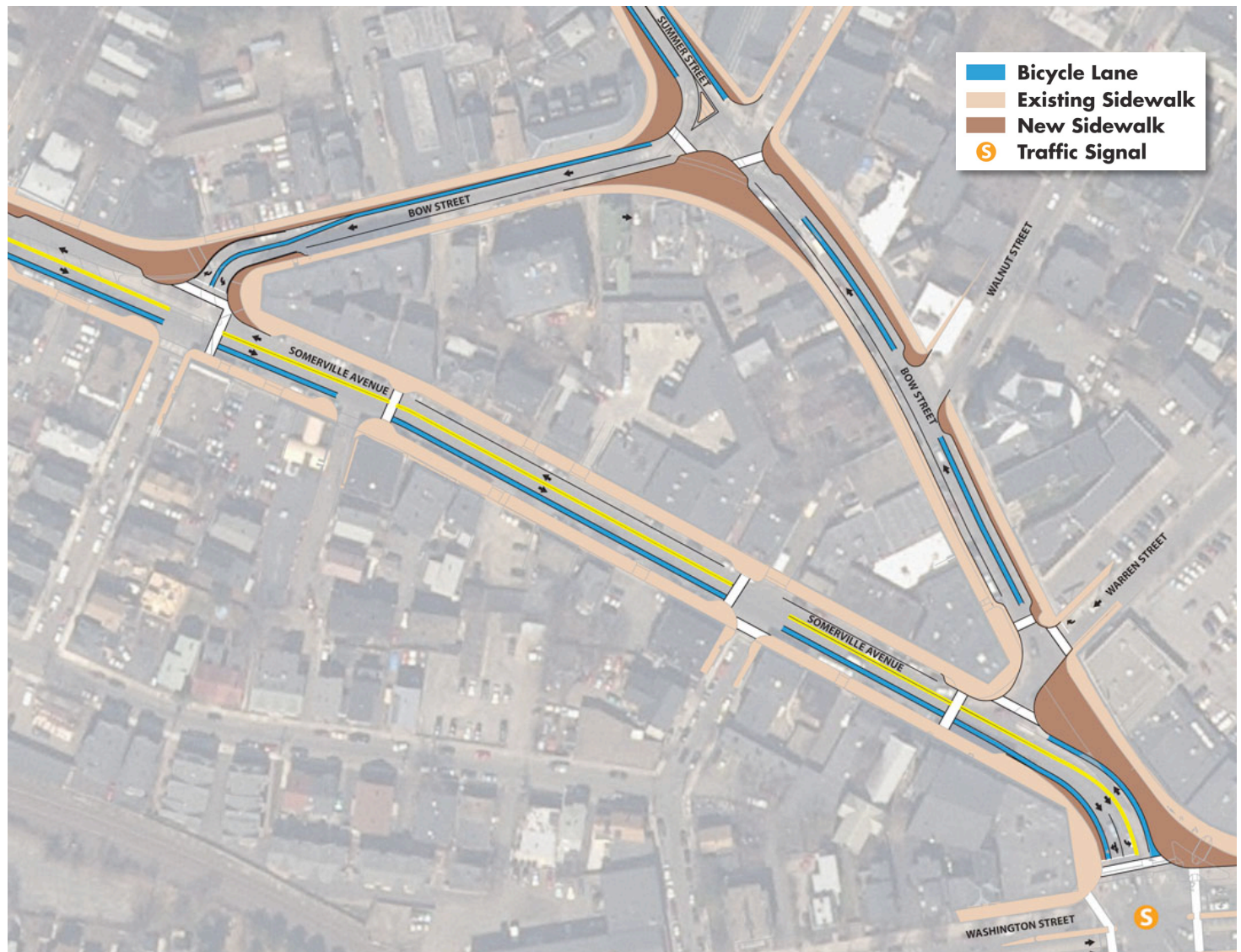
- **No additional open space**
- **Option W1**
 - **Loss of parking on Webster Ave (approx. 21 spaces)**
 - **Add parking on Prospect St in long-term (approx. 37 spaces)**
- **Option W2**
 - **Move spaces to west side of Webster Ave (gain 4 spaces, total 25 spaces)**

Bow Street & Somerville Avenue

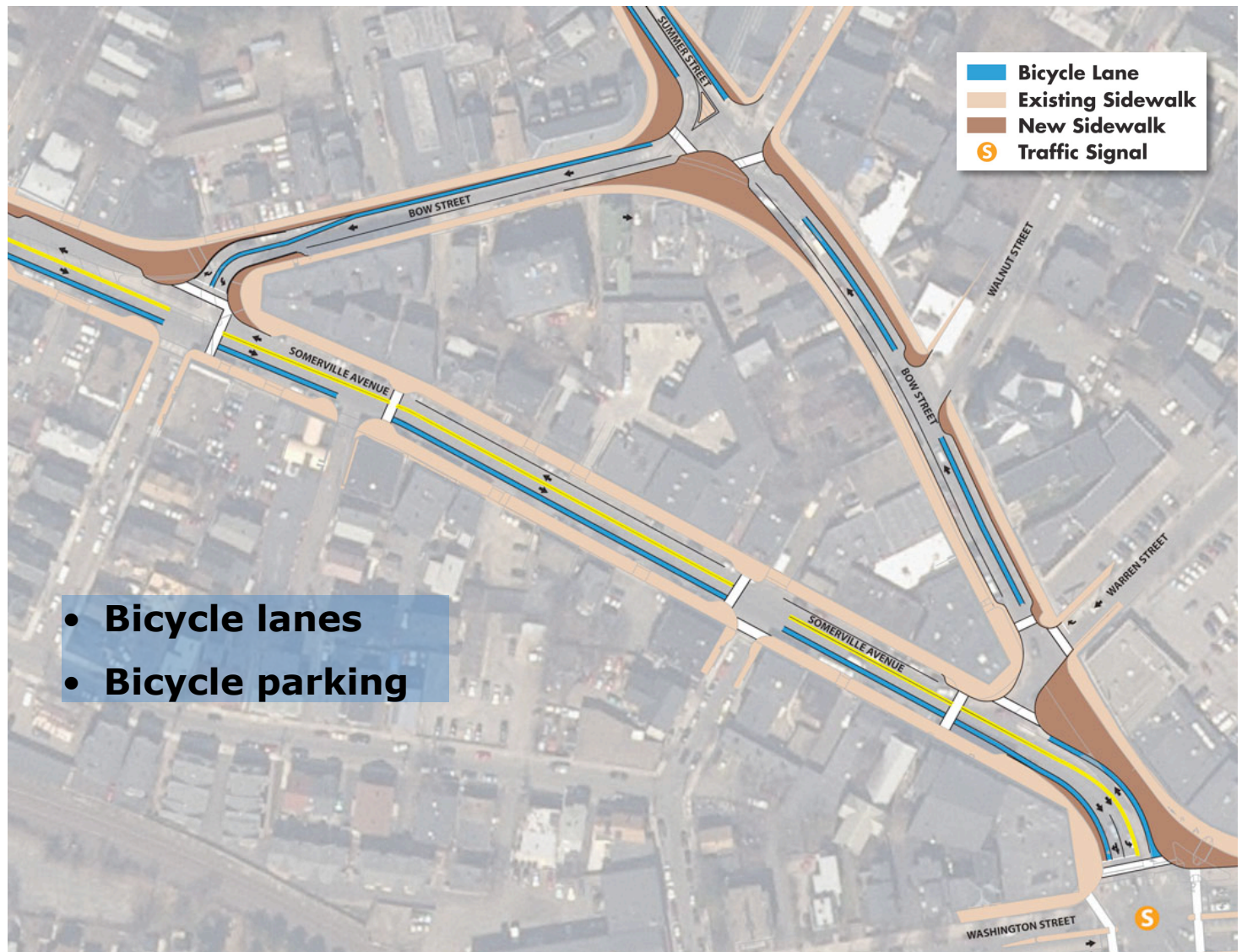


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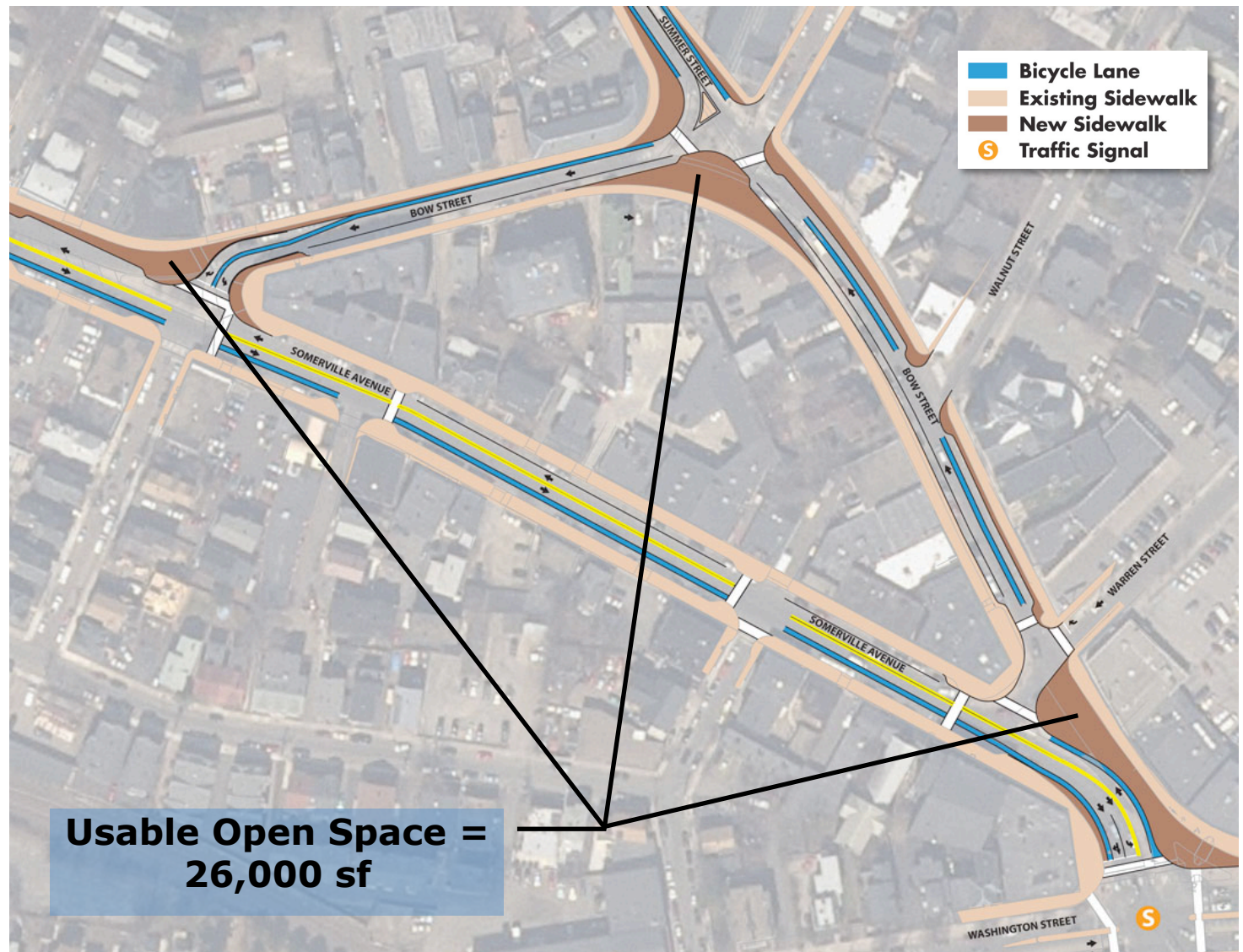
Bow Street & Two-Way Somerville Ave



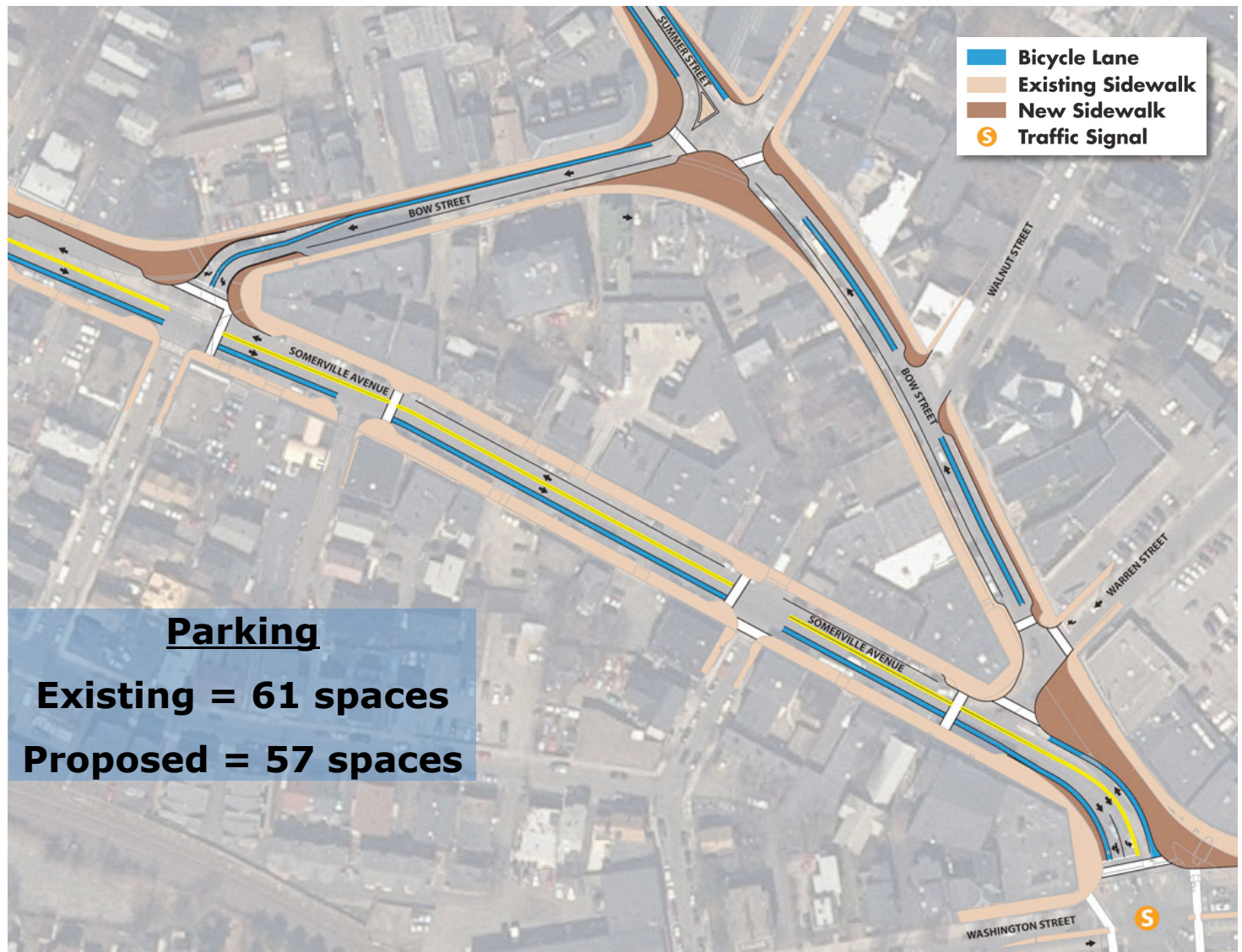
Bow Street/Somerville Ave – Bicycle Accommodation



Bow Street/Somerville Ave – Open Space



Bow Street/Somerville Ave - Parking

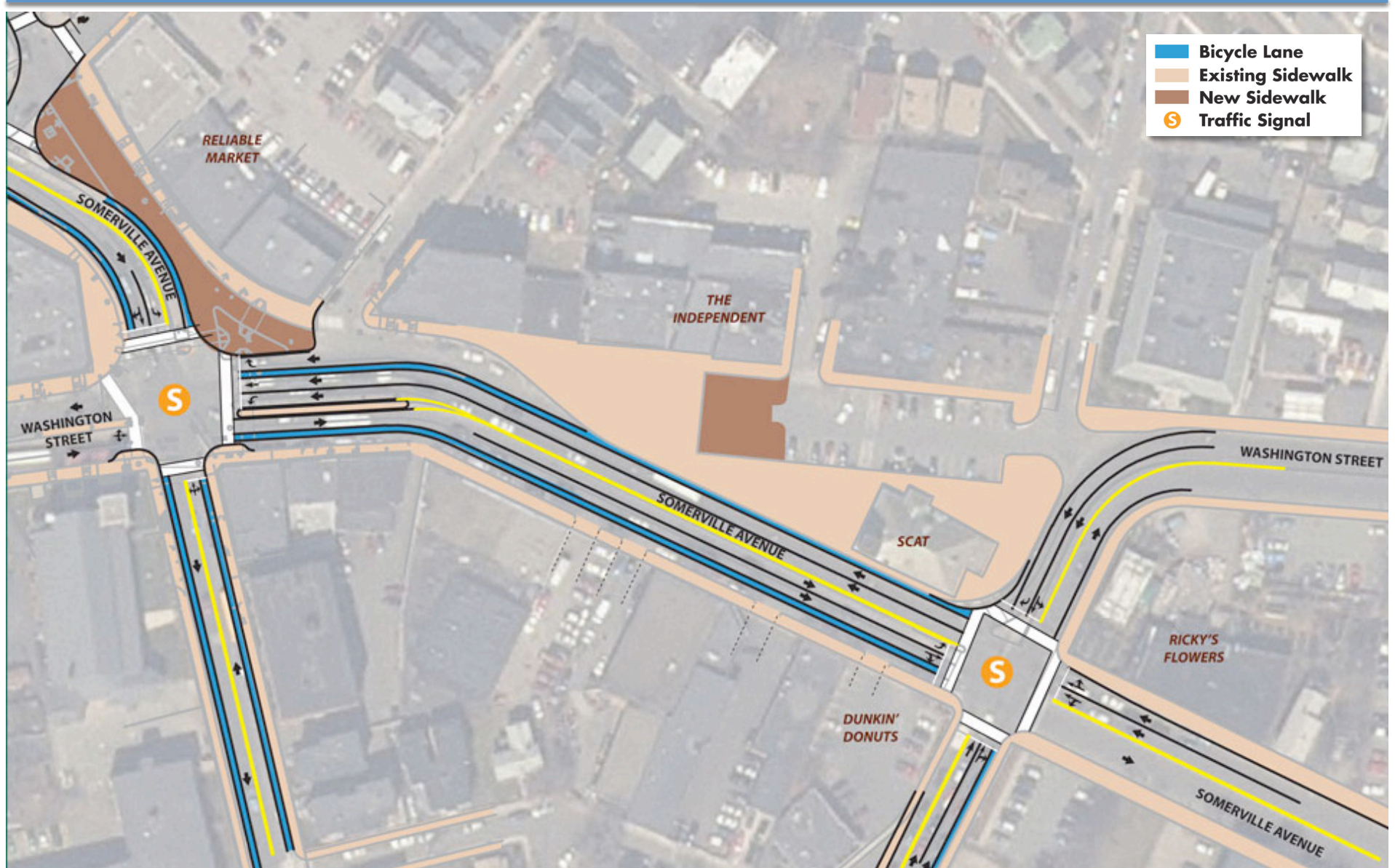


Heart of Union Square

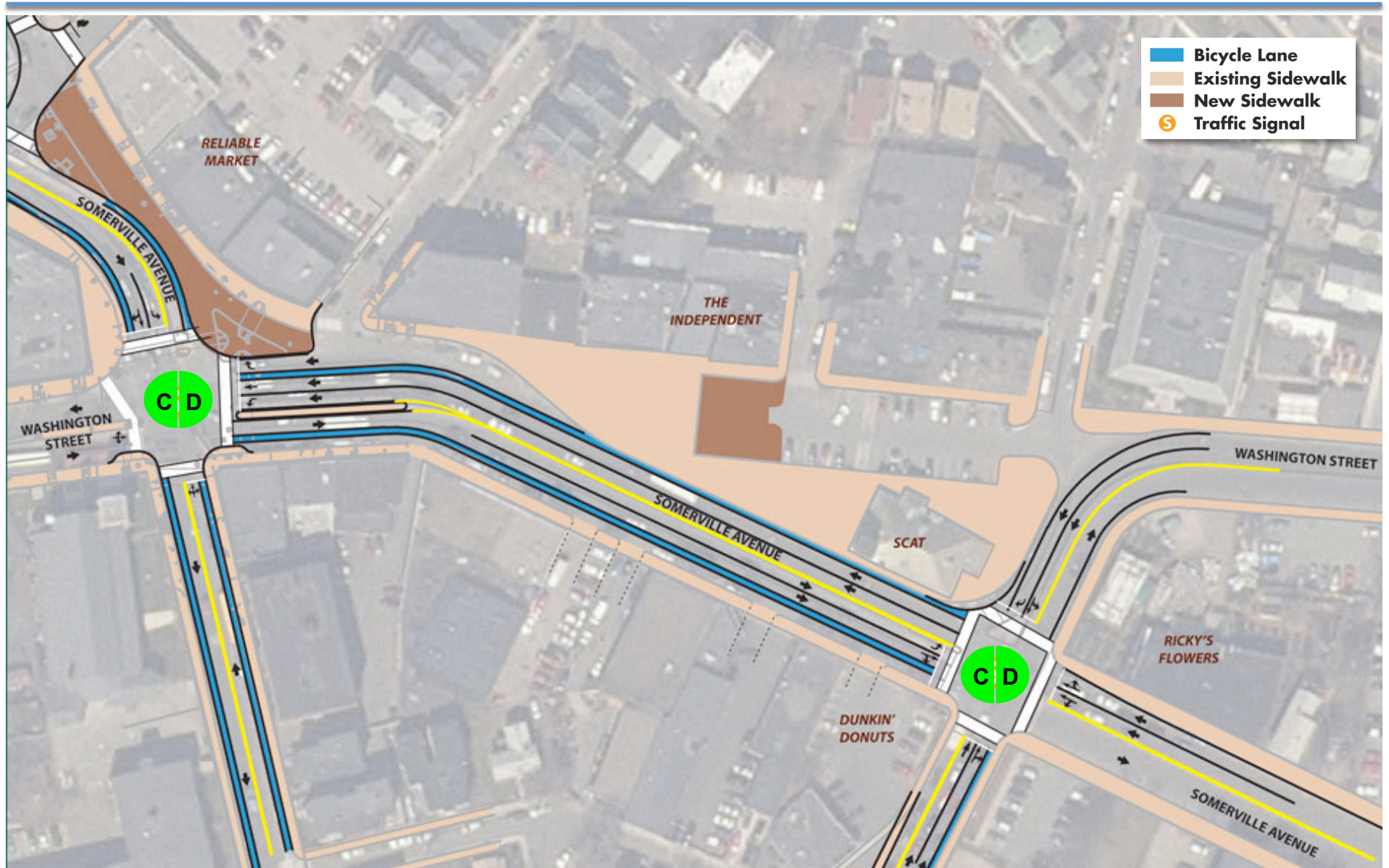


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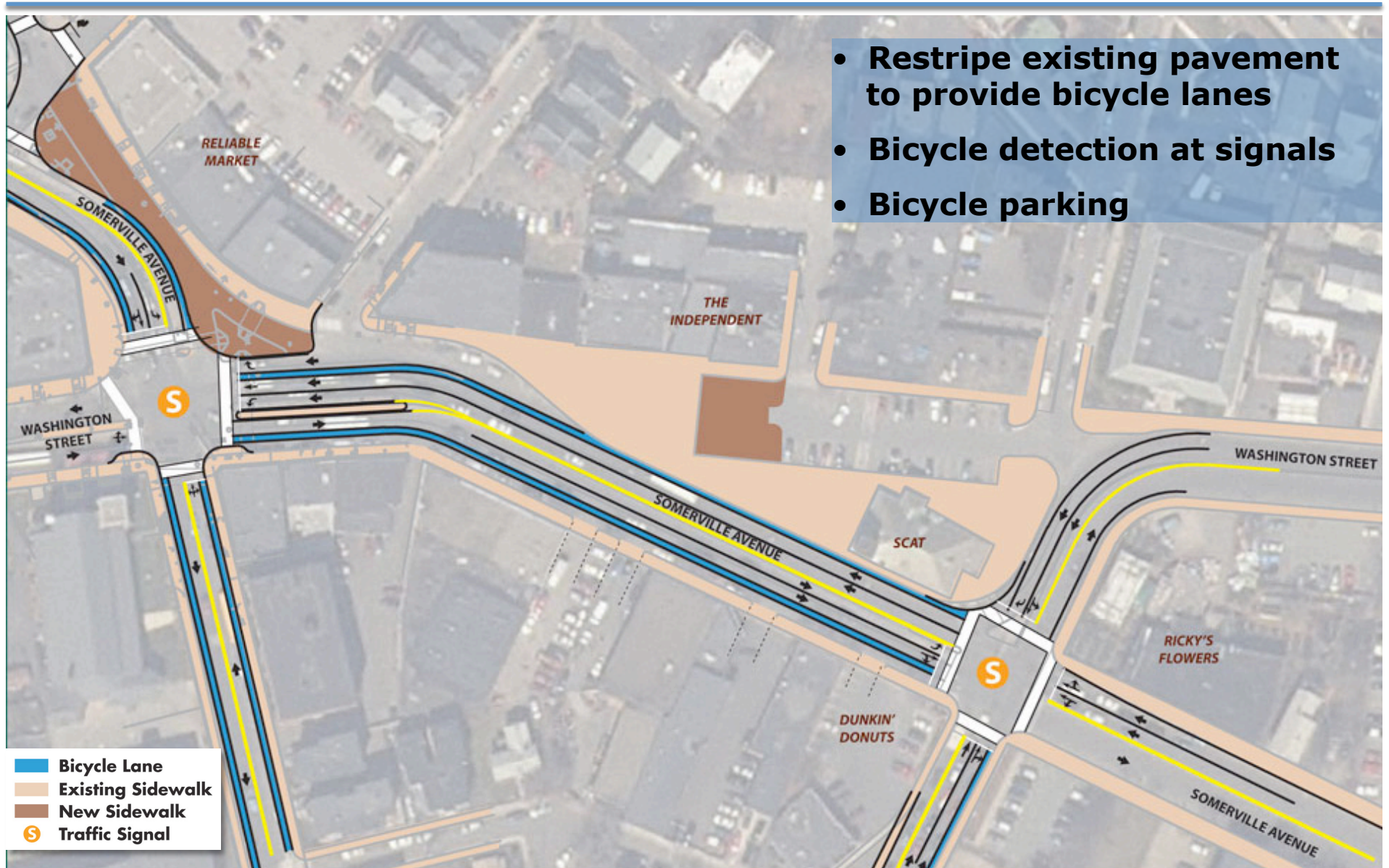
Option 1: Existing Conditions Modified



Option 1 – Intersection LOS

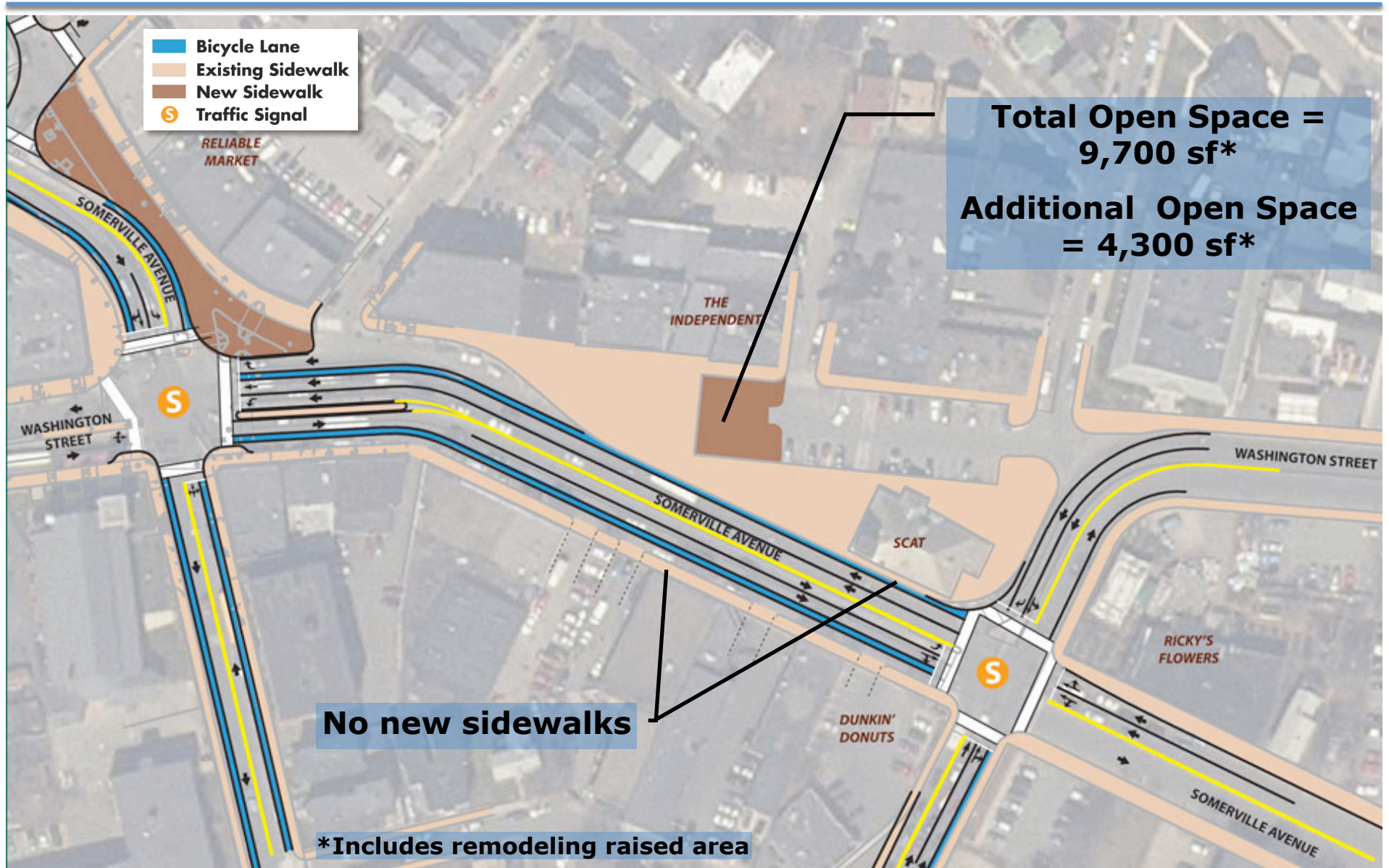


Option 1 – Bicycle Accommodation

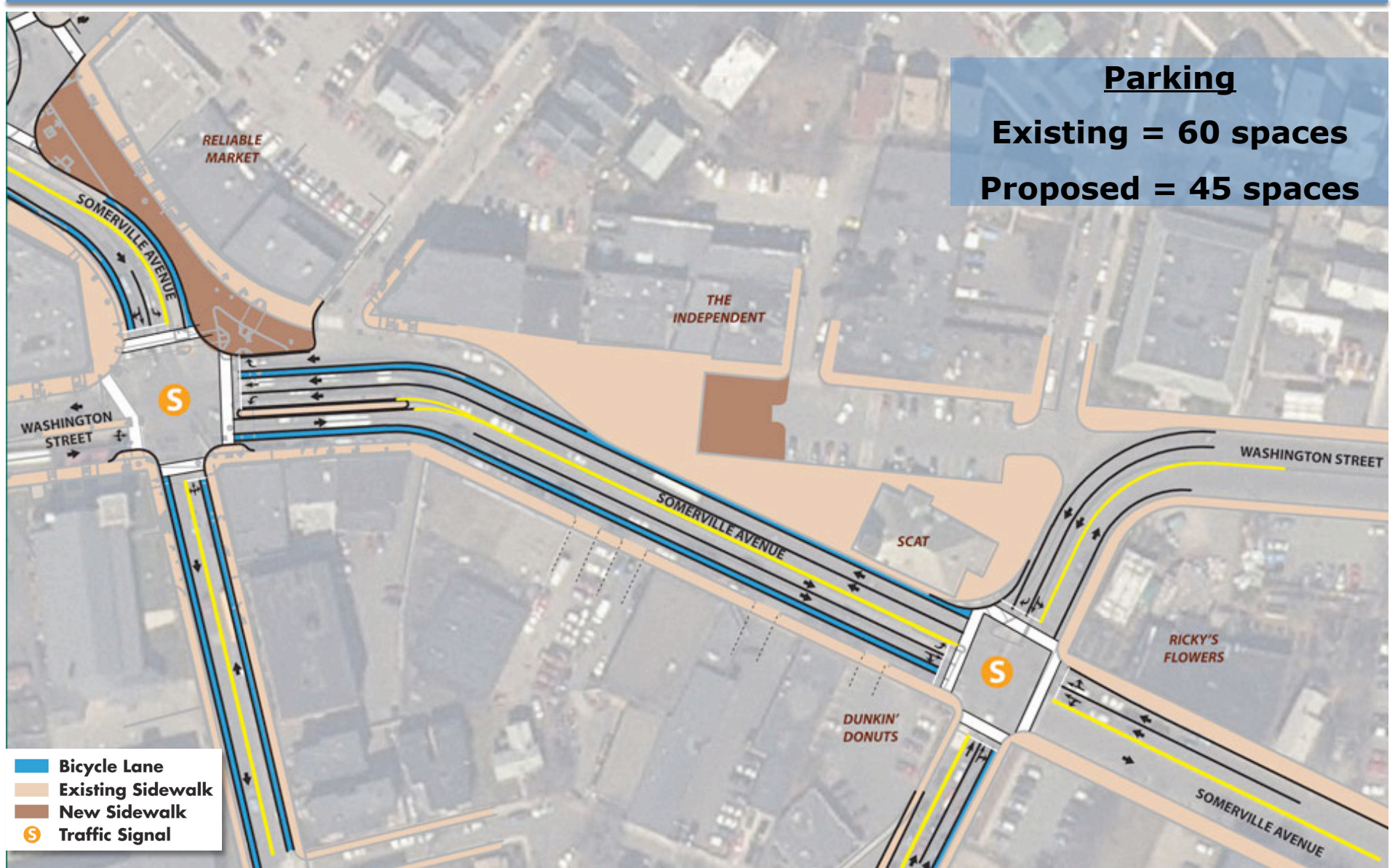


- Restripe existing pavement to provide bicycle lanes
- Bicycle detection at signals
- Bicycle parking

Option 1 – Open Space



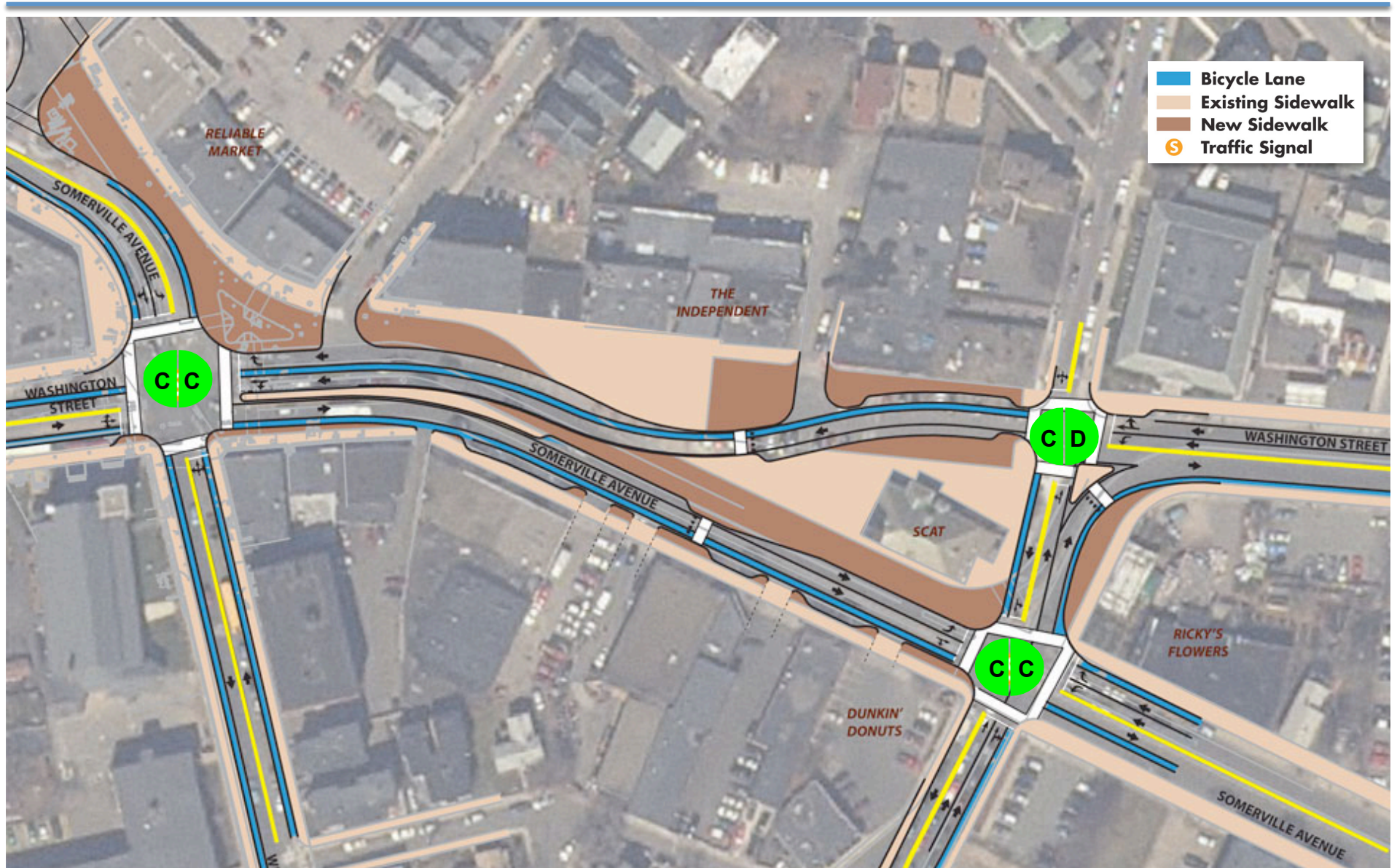
Option 1 – On-Street Parking



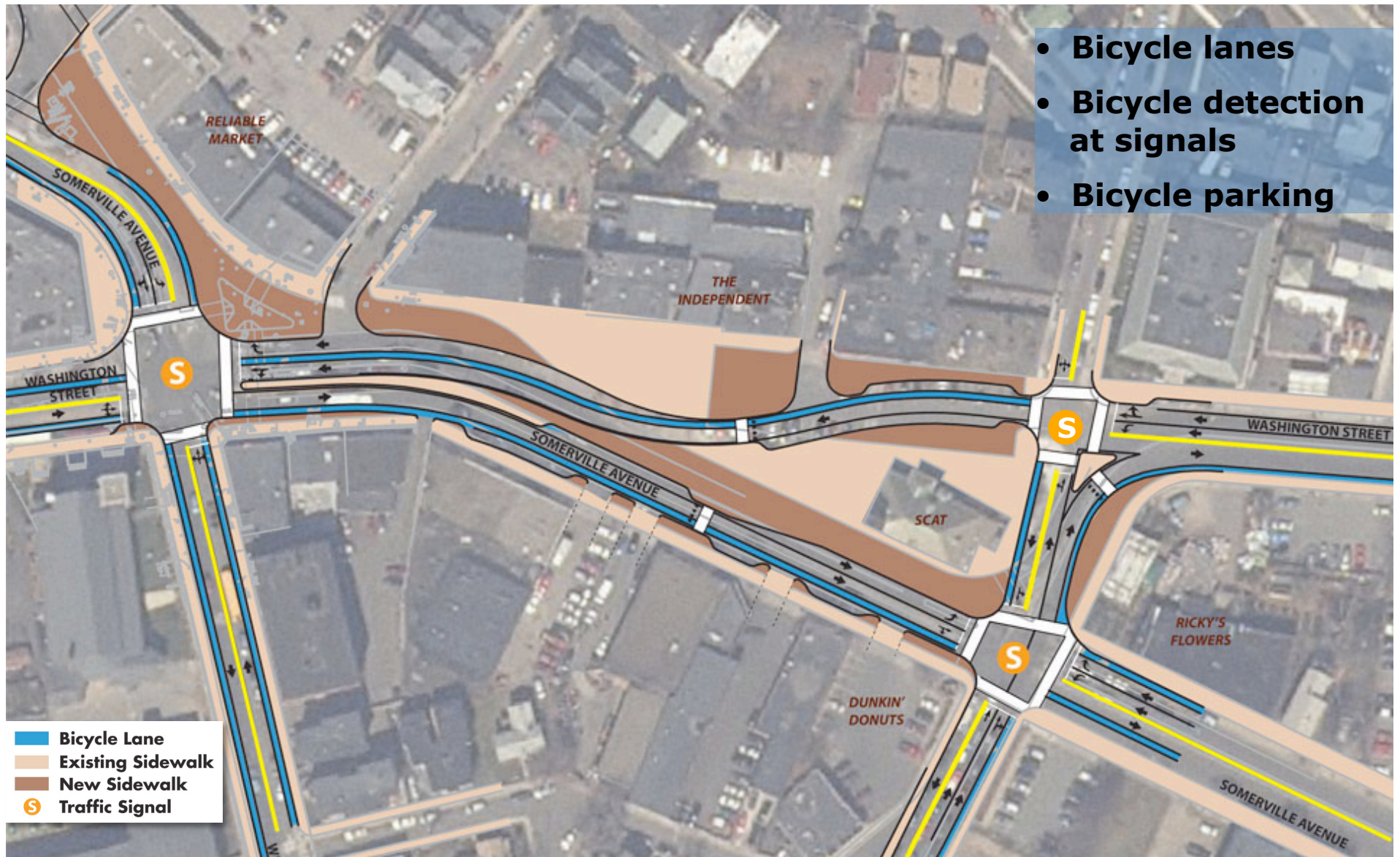
Option 2: One-Way Pair



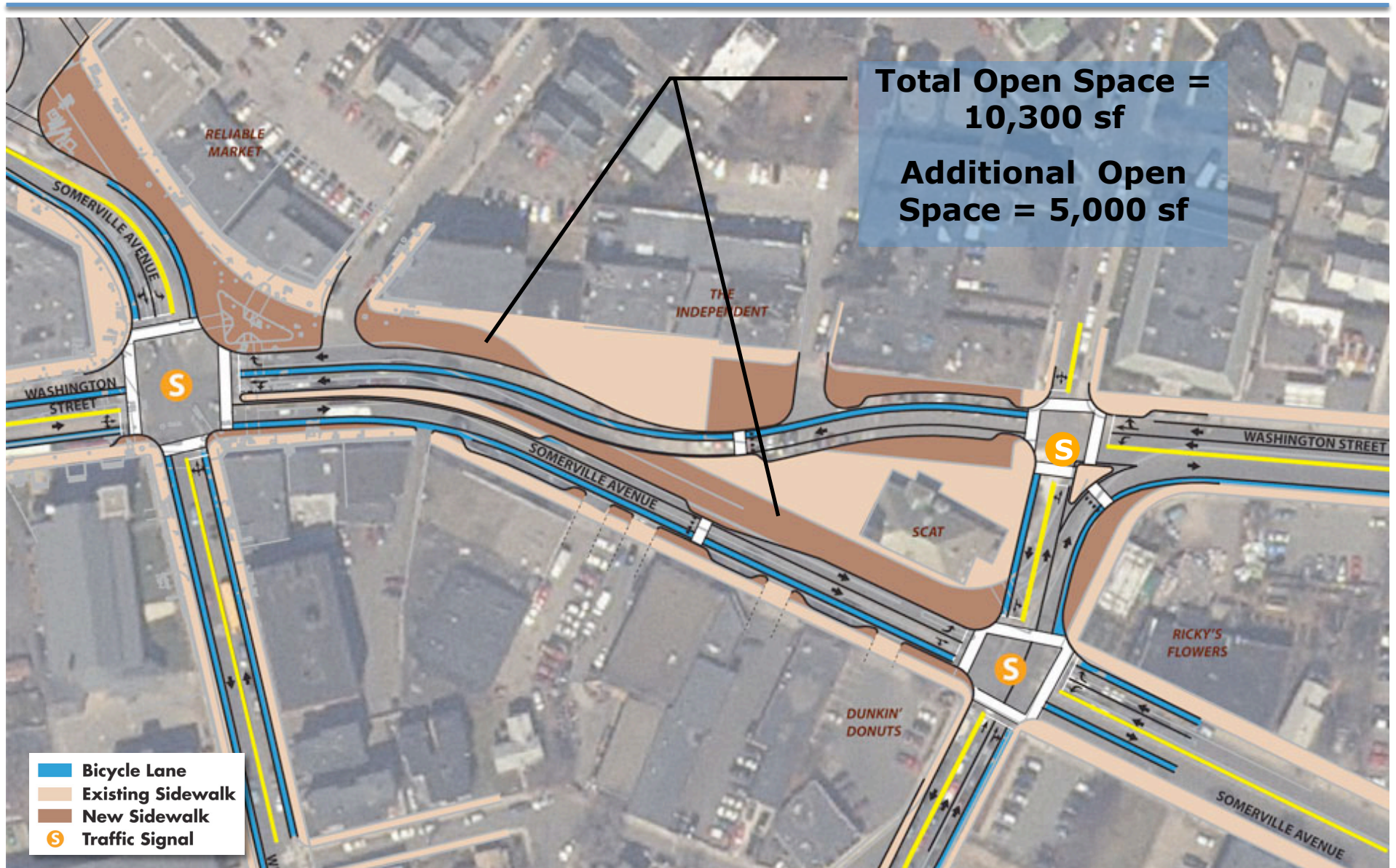
Option 2 - Intersection LOS



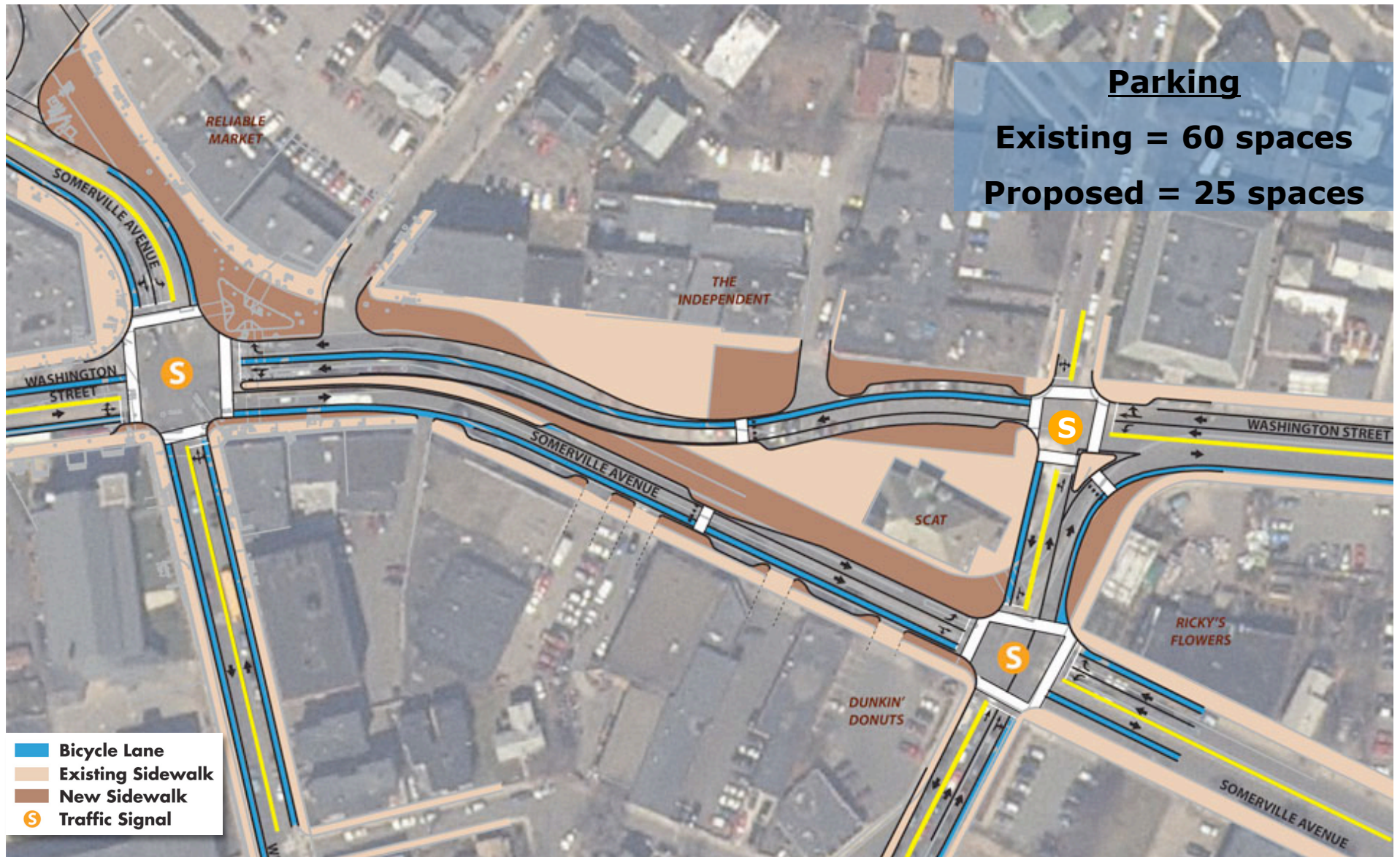
Option 2 – Bicycle Accommodation



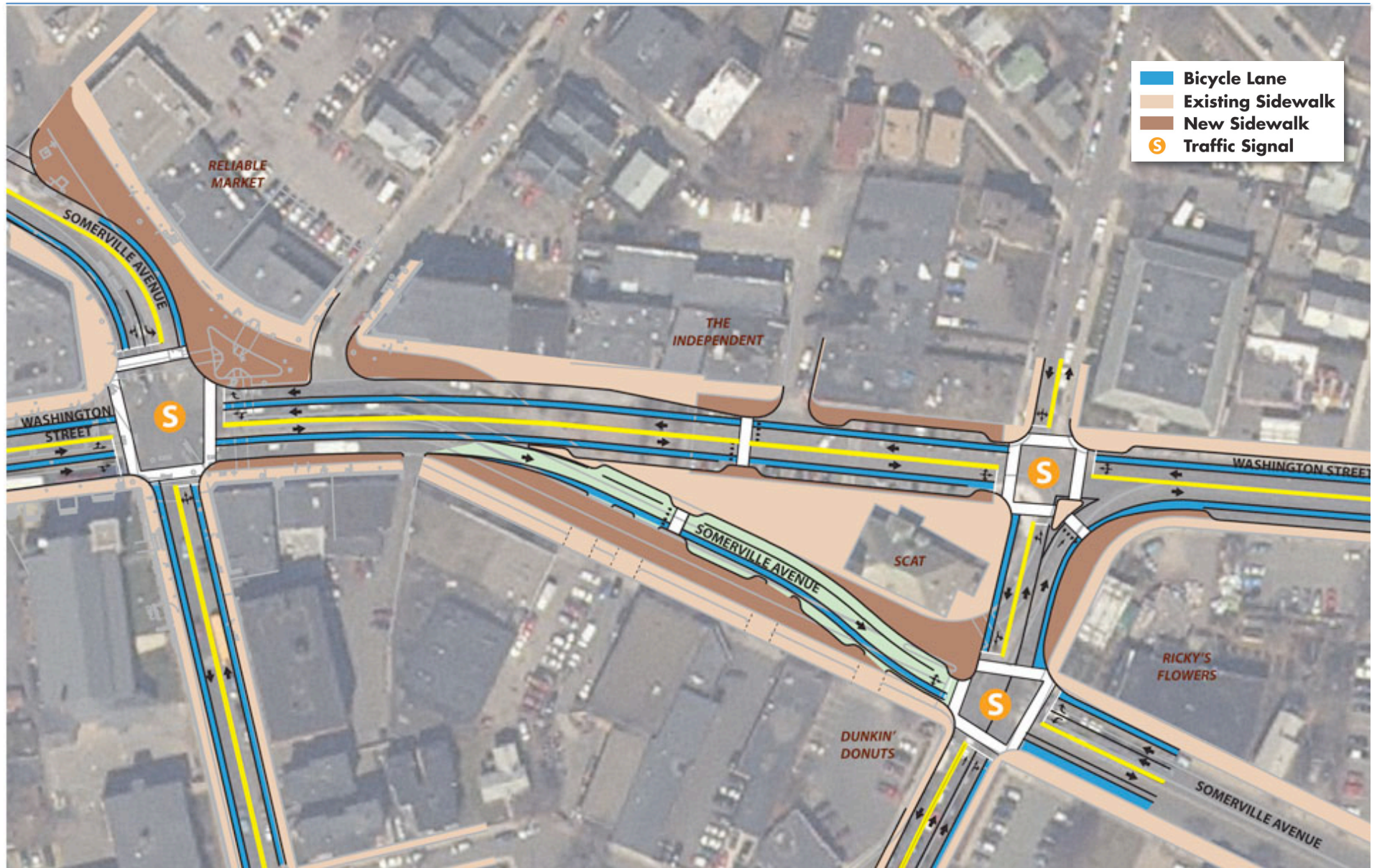
Option 2 – Open Space



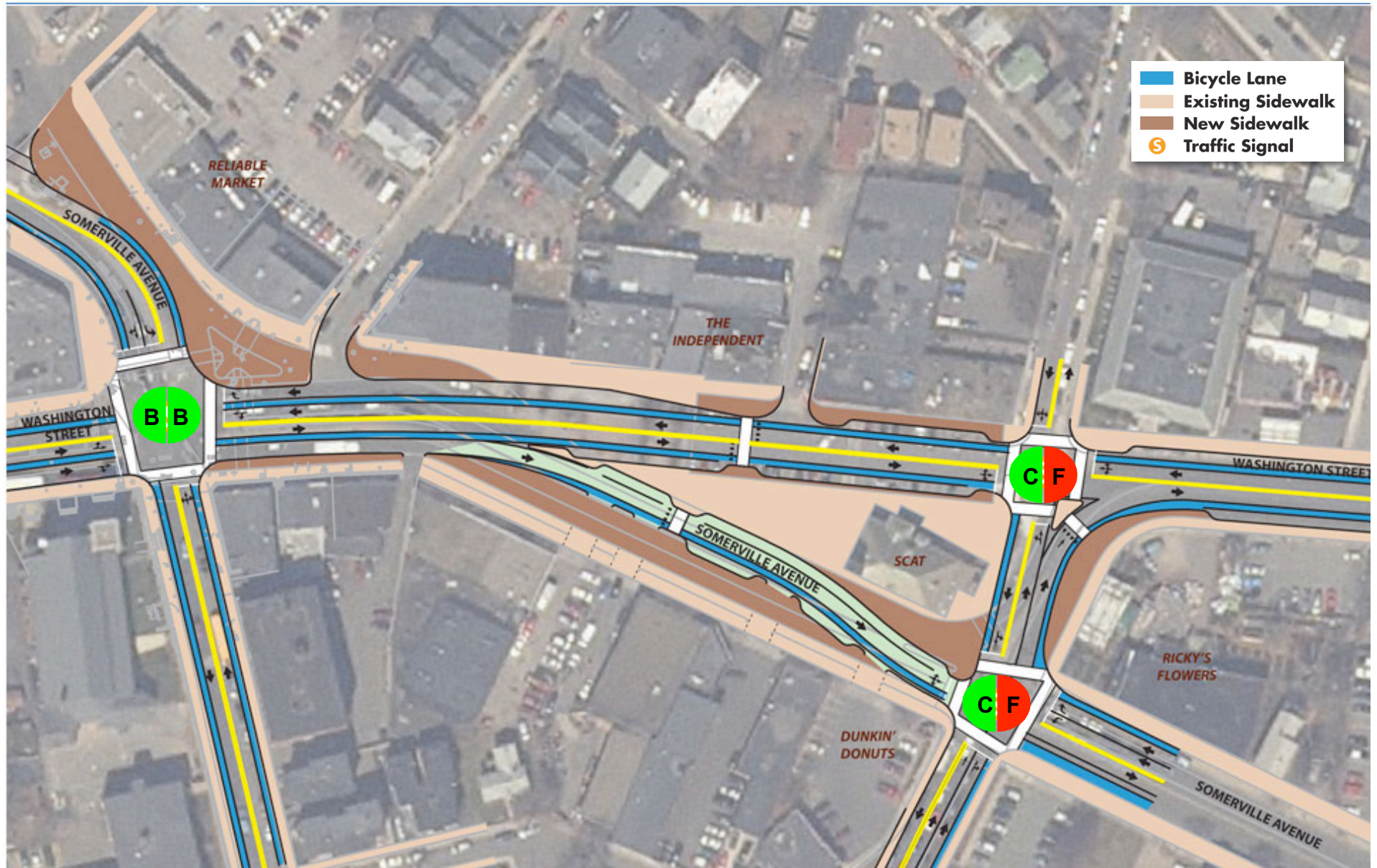
Option 2 – On-Street Parking



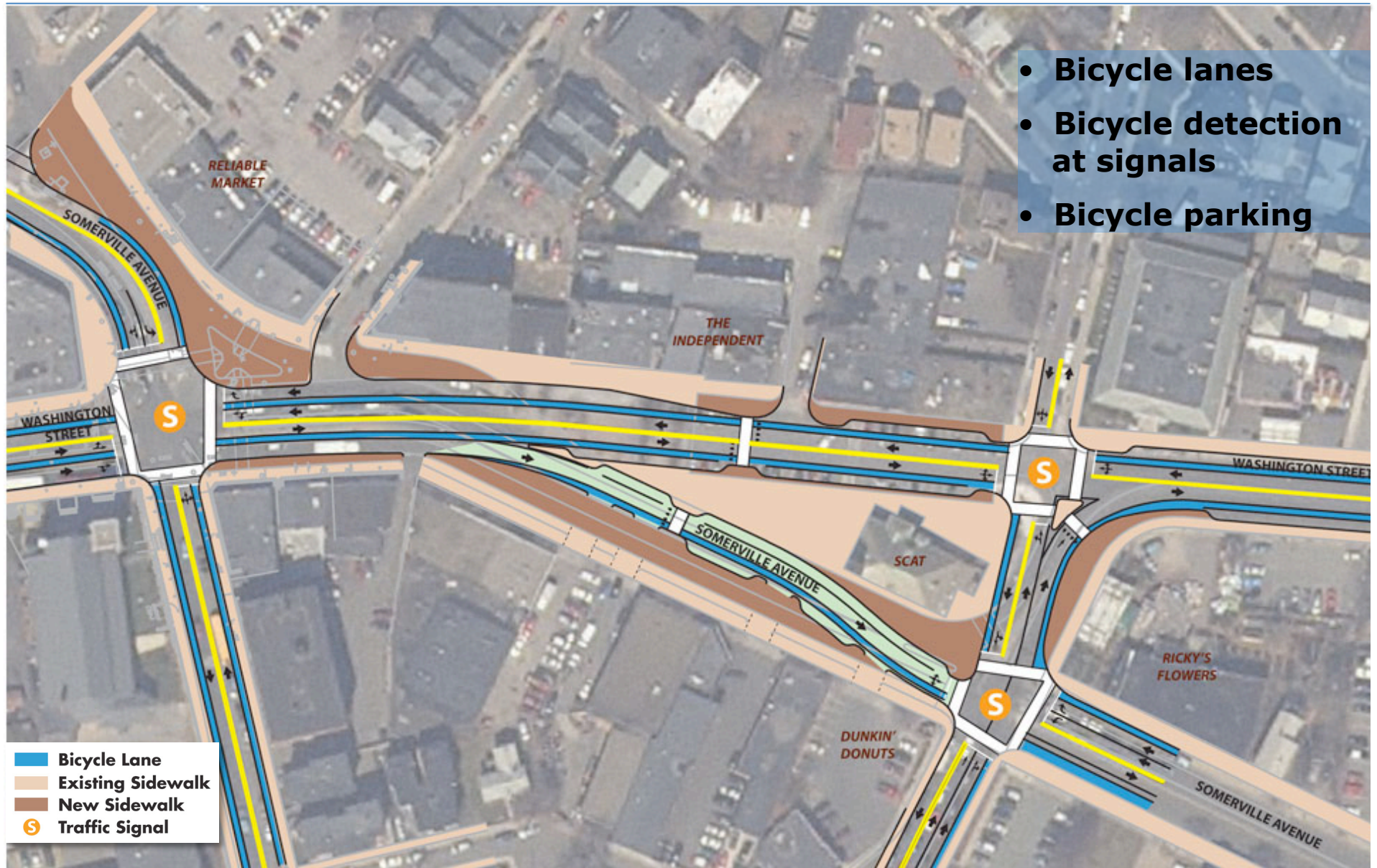
Option 3: Washington St. 2-Way with Somerville Ave. Woonerf



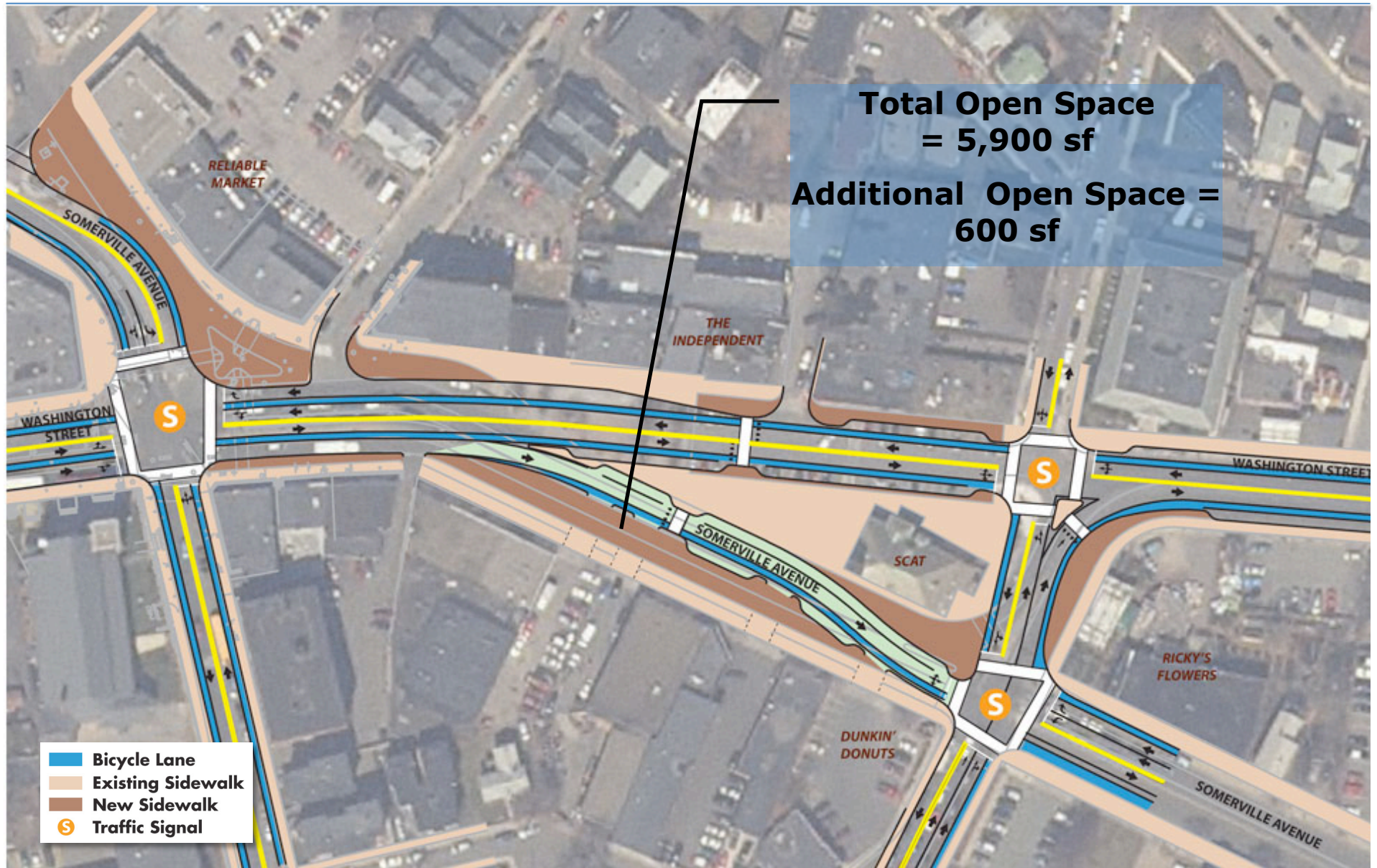
Option 3 - Intersection LOS



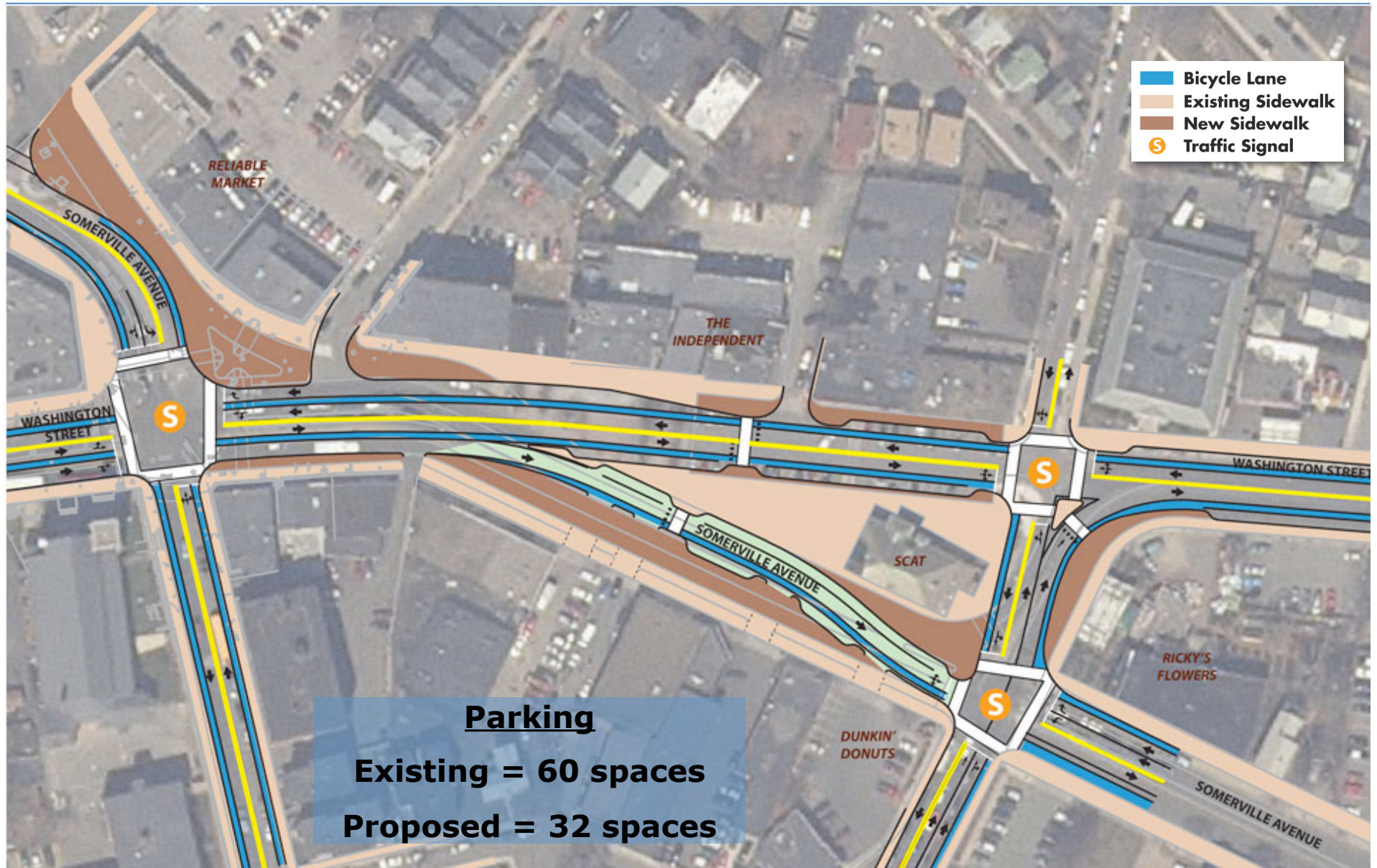
Option 3 – Bicycle Accommodation



Option 3 – Open Space



Option 3 – On-Street Parking

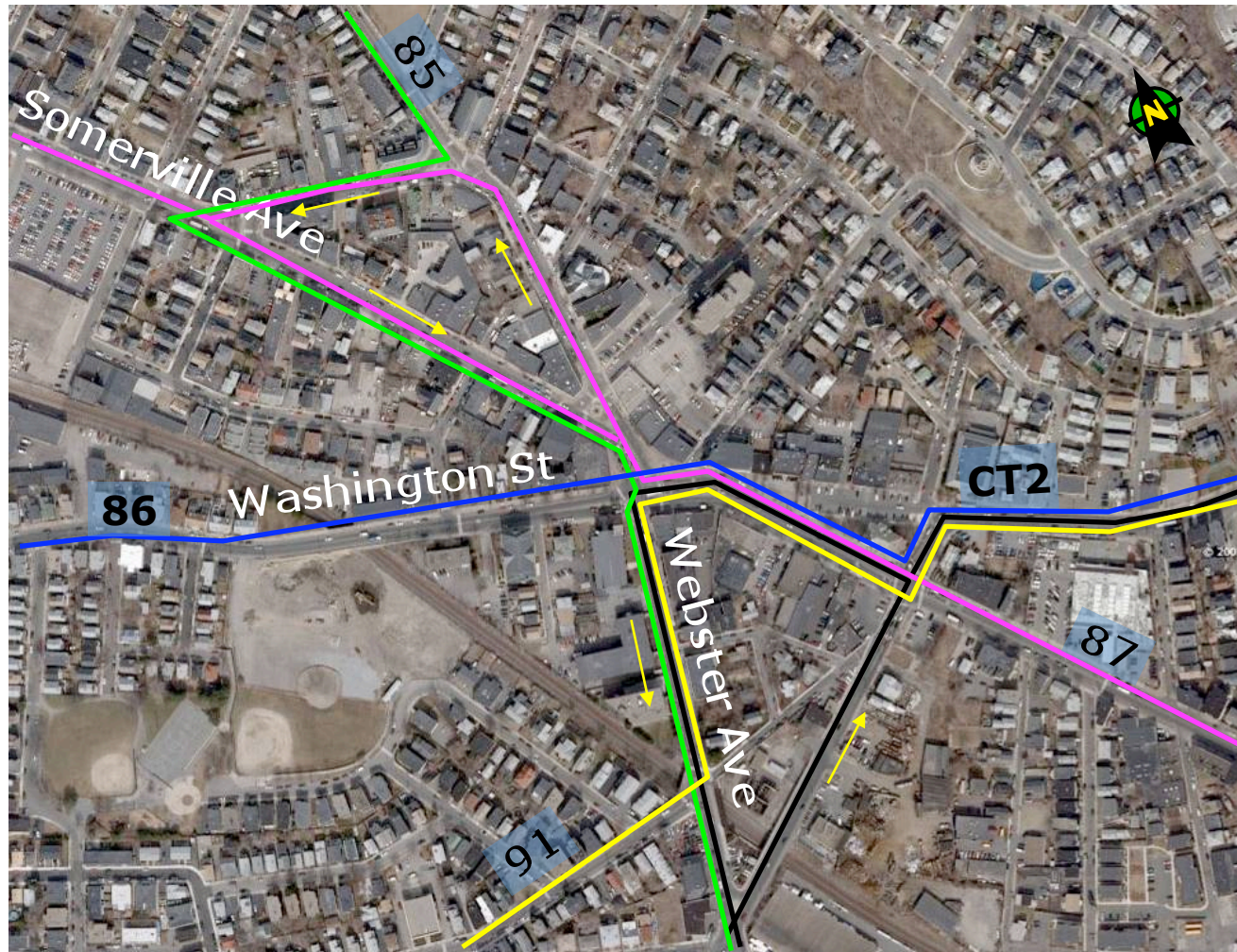


Transit



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Existing Bus Routes



Potential Bus Routes



Questions or Comments?



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